

RICOH Ri 1000

ColorGATE

Production Server 10

Bundle Edition for Ri 1000

Installation and

Quick User Guide



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Introduction

This manual explains setup the basing usage of ColorGate RIP bundle edition for RICOH Ri 1000. Fore more information about usage of RIP software, see the manuals supplied RIP software.

Contact for Inquiries

AnaJet, Inc.
TEL : 1-877-626-2538
Mail: info@anajet.com
Weekdays, 8am - 4pm PST
1100 Valencia Ave. Tustin, CA 92780

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Printer Setup

Setting the IP address for the printer.

The setting method of IP address for Printer are two patterns.

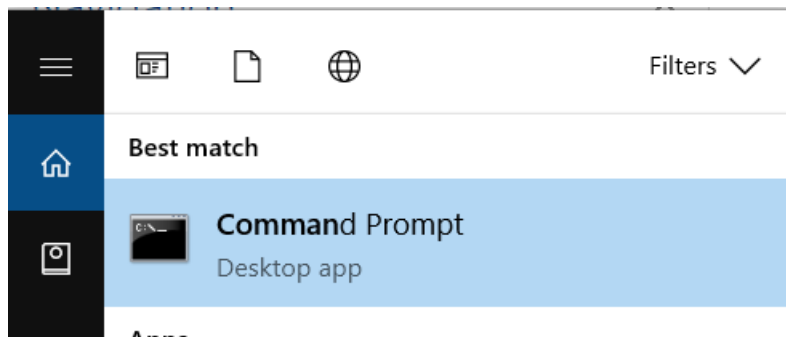
Case1: For connecting directly to the printer from a PC that is not parts of a network.

Case2: For a DYNAMIC setup

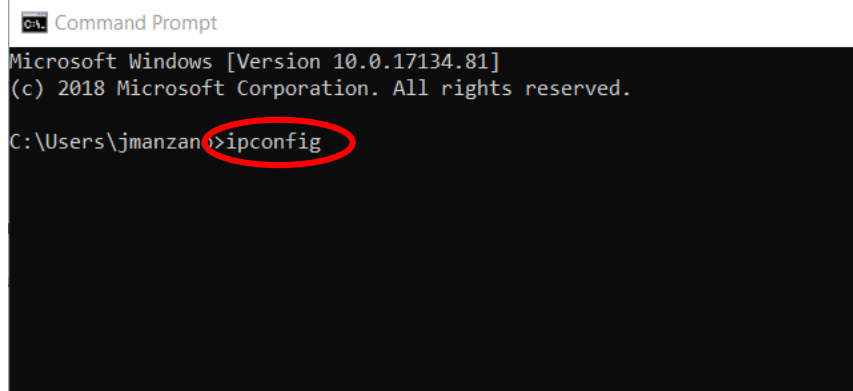
Case1: For connecting directly to the printer from a PC that is not parts of a network.

[Confirm IP address of your PC]

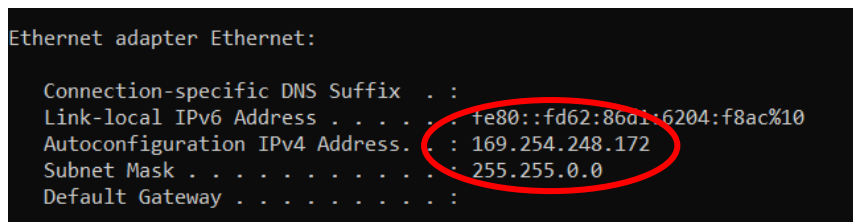
1. Open the command prompt dialogue box on your PC.



2. Type IPCONFIG in the first line in the command prompt



3. In the Ethernet Adapter Ethernet section, use the IP address but change the last 3 digits to a number that will be unique to the printer and the Subnet Mask. In the example below, we took the 169.254.248.172 and will assign 169.254.248.174 to the printer



4. Enter the new IP address and the subnet mask into the printer by going to the settings tab, options IP Address (DHCP must be disabled)

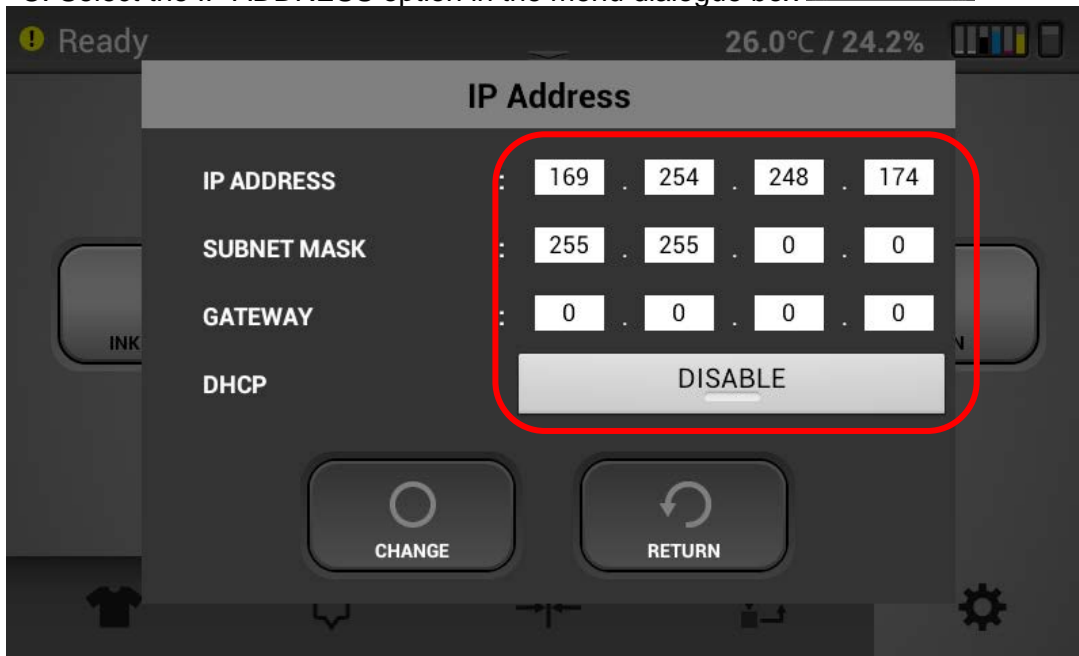
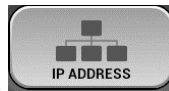
A. Go to the settings config on the Ri 1000



B. Select the OPTION under the settings tab



C. Select the IP ADDRESS option in the menu dialogue box



Case2: For a DYNAMIC setup

1. Enable the DHCP as shown below to add the printer to an existing network.

And Check the assigned **IP ADDRESS**.

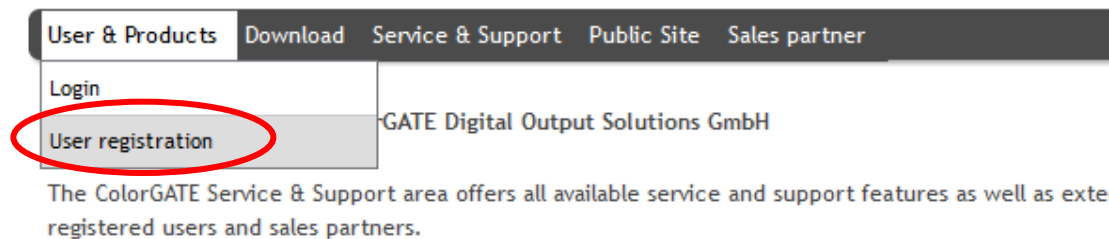


Usage of ColorGate RIP

Register as a user on the ColorGATE Service & Support website:

1. Go to ColorGate Service & Support website (<https://support.colorgate.com>.)
2. Click “User & Products” > “User registration”.





3. The web site will guide you through the next steps to register your user account and to register your product which is your dongle #. Please note. This process requires a series of emails from customerservice@colorgate.com. Depending on your mail server settings these emails may go to the Spam or Junk folder so make sure to check there. The email sequence is:
 - a) After user registration - a user registration activation email will be sent immediately
 - b) After clicking on the activation link an email is sent immediately letting you know that your user account was successfully activated and you can use the ColorGATE web service which allows you to register your product
 - c) After registering your product (dongle #) you will immediately receive an email letting you know that you have successfully register your product and that your license will be verified.
 - d) You will receive a final email that gives you your licenses activation which will convert your licenses from a temporary licenses to a permanent license. This email may take a day or two as the ColorGATE team reviews and verifies your licenses. You can use the software while you wait with a 30 day time limit. Just select “activate later” on the pop up screen at start up.
4. Here is a helpful video <https://www.youtube.com/watch?v=q4DRYkaJ434&feature=youtu.be>

Download software of ColorGate RIP/MIM files.

1. Go to ColorGate Service & Support website (<https://support.colorgate.com/>).

User & Products Download Service & Support Public Site Sales partner

Service & Support

- Software updates
- Documentation
- MIM packages / Profile targets**
- Tools

Digital Output Solutions GmbH

The ColorGATE Service provides all available service and support features as well as extra users and sales partner

Here you can get the latest software updates, technical documentations, current MIM packages and products. In addition, you have access to the ColorGATE Websubport.

2. Click "Download" -> "MIM packages / Profile targets - /MIM-Packages (Profiles and Linearizations)/Production Profiles/Ricoh/ Ri 1000".
3. Click "Download" of "PS Ricoh Ri 1000 Combi-MIM.cmp" and save the file in your local PC.


User & Products Download Service & Support Public Site Sales partner

MIM packages / Profile targets

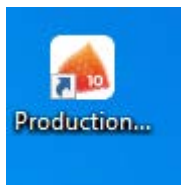
ColorGATE users will find here MIM (Media-Ink-Metamodus) packages including ICC profiles as well as linearization and profile targets of supported measuring devices for download.

parent directory

MIM Packages/Profile Targets:
/MIM-Packages (Profiles and Linearizations)/Production Profiles/Ricoh/Ricoh Ri 1000/

Filename / Fileinfo	Date / Size	Type	Details	DL
Combi-MIM	04.03.2020		Info	Download
PS_Ricoh_Ri_1000_Combi-MIM.cmp	16:08:07			
	85.65 MB			

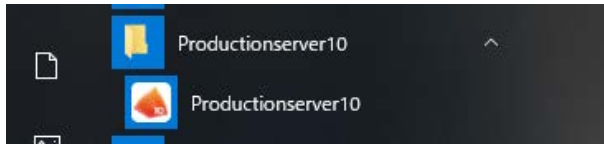
4. Then you will need to get the installation executable file – go to <https://anajet.com/colorgate>.
5. Download the file PS10SetupV10.33.XXXX
6. Run the executable file and the installation wizard will walk you through the install
7. At the end of the installation you will be asked to restart your computer and after restart the Production 10 icon will appear on your desktop



Start RIP Software

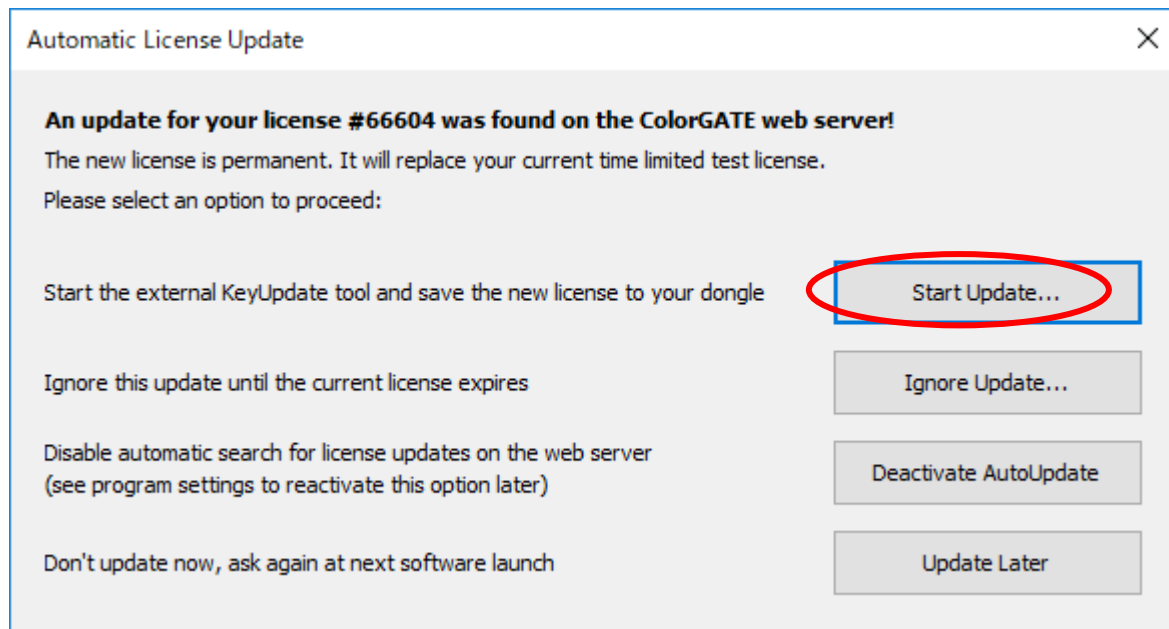
1. Insert the USB dongle to an USB port on the computer.
2. Click Windows mark on left bottom on your pc.

3. Click Productionserver10 -> Productionserver10 .



License Update

4. The following dialog will open when an update is available for your license when the software is started. It will appear if you have received your final activation key after product registration (the fourth email in the user and product registration process). If you do see it select "Start Update..." .



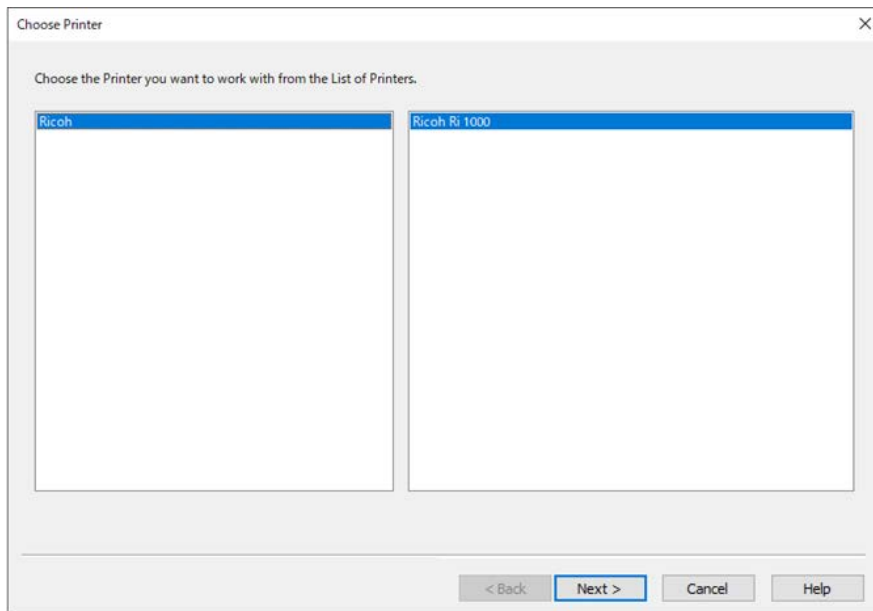
You will then be asked if you want to update the dongle – select update dongle and the update will be complete

Setup printer

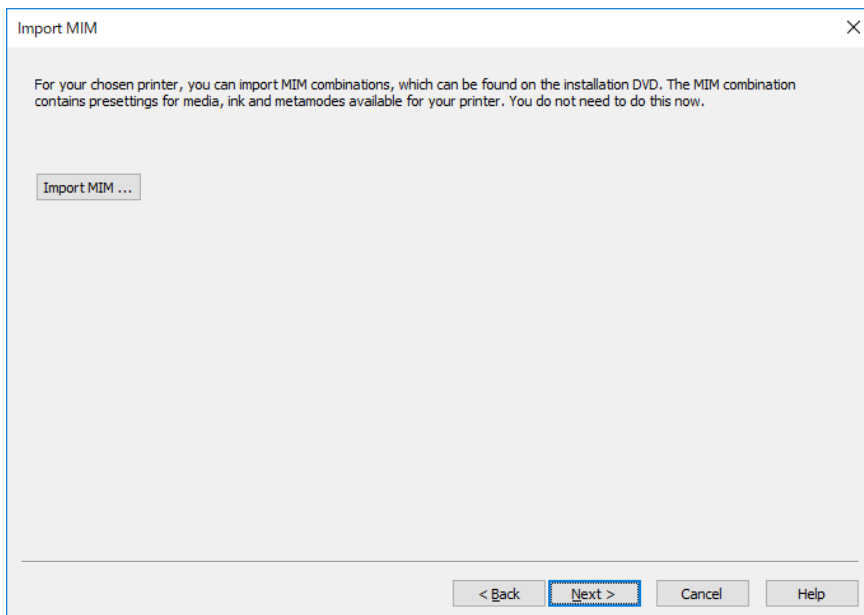
1 The software will open to a blank screen – now set up the printer. In the Menu - Printer -> "New" button:



2 Select Ricoh -> Ricoh Ri 1000 and push "Next" button.



3 Push "Import MIM..." button



4 Select MIM file that you previously downloaded(*) and push "Next" button.

*ex. filename: PS Ricoh Ri 1000 Combi-MIM.cmp

MIM-File

File name:
C:\Users\p000491262\Downloads\RICOH Ri 1000 MIM pa Browse...

Compatible printers:
* Ricoh Ri 1000

* Printer used to create the file

< Back Next > Finish Cancel

5 Check on "All" in Media and push "Next" button.

Choose MIM-Definitions

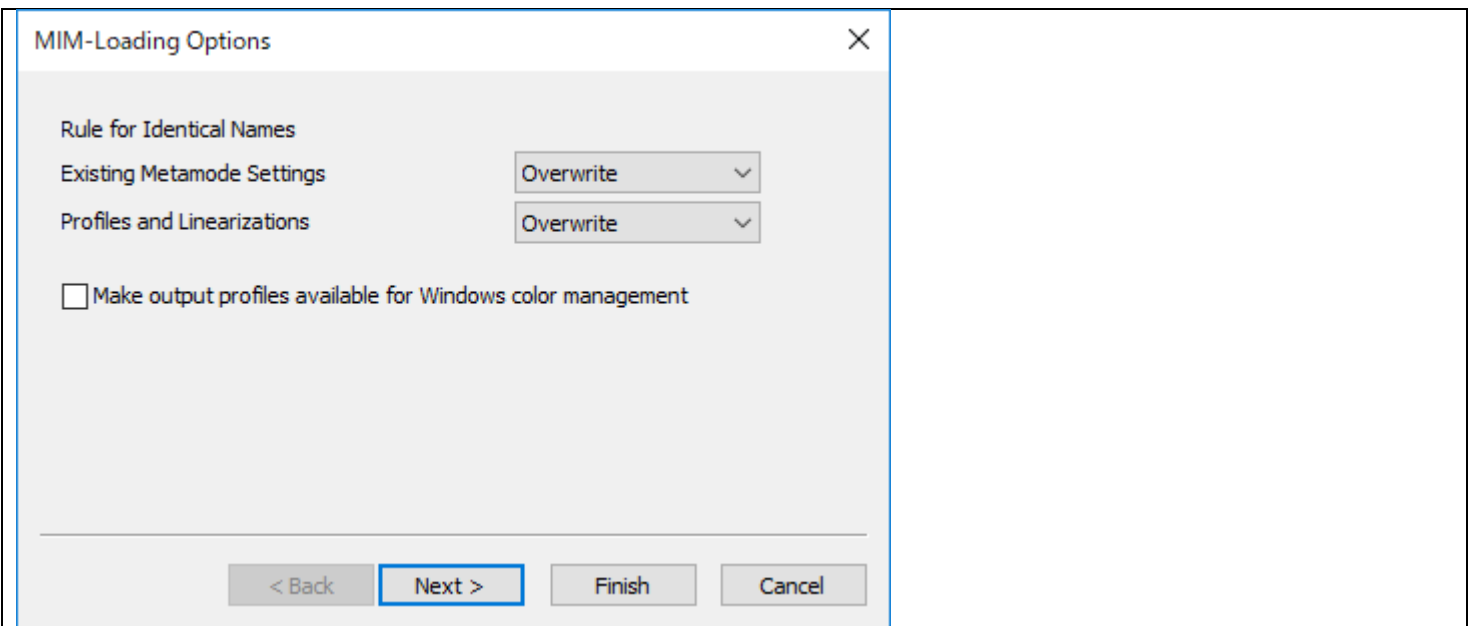
Media
Black Garment All

Ink
RICOH Garment Ink G1 All

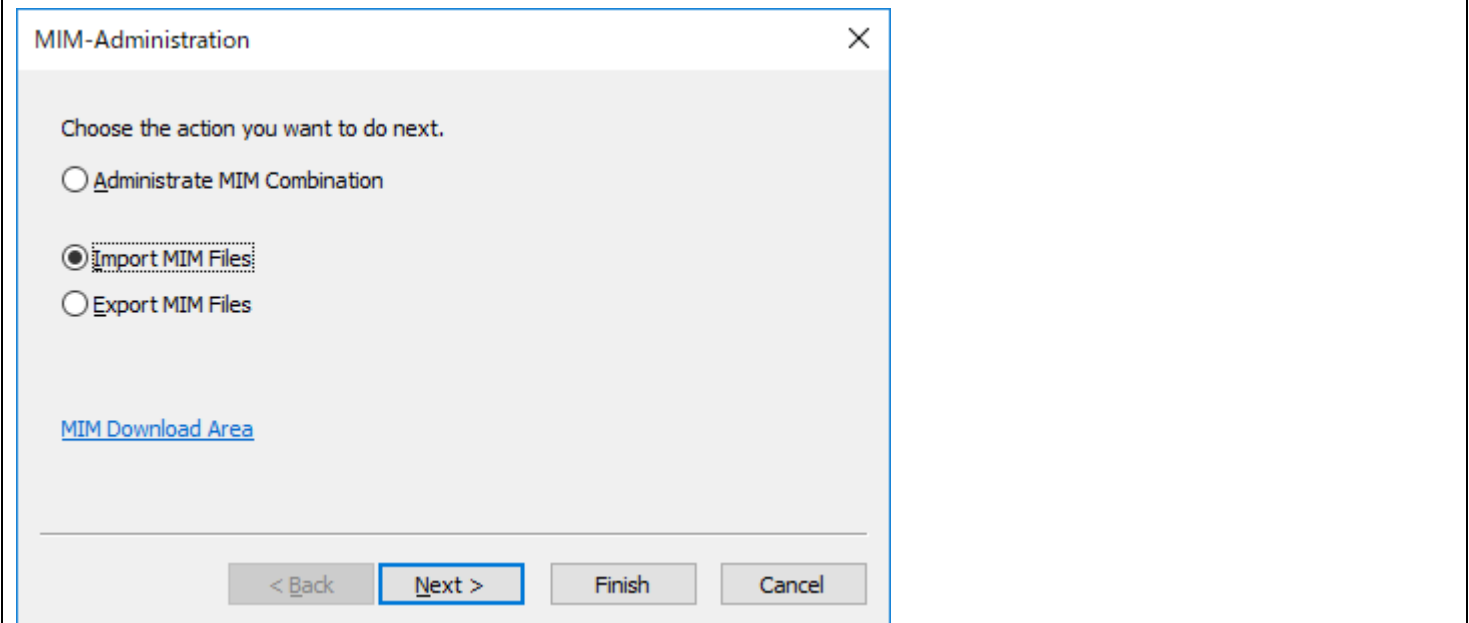
Metamode
Super Fine 1200x1200dpi 16pass UniDir All

< Back Next > Finish Cancel

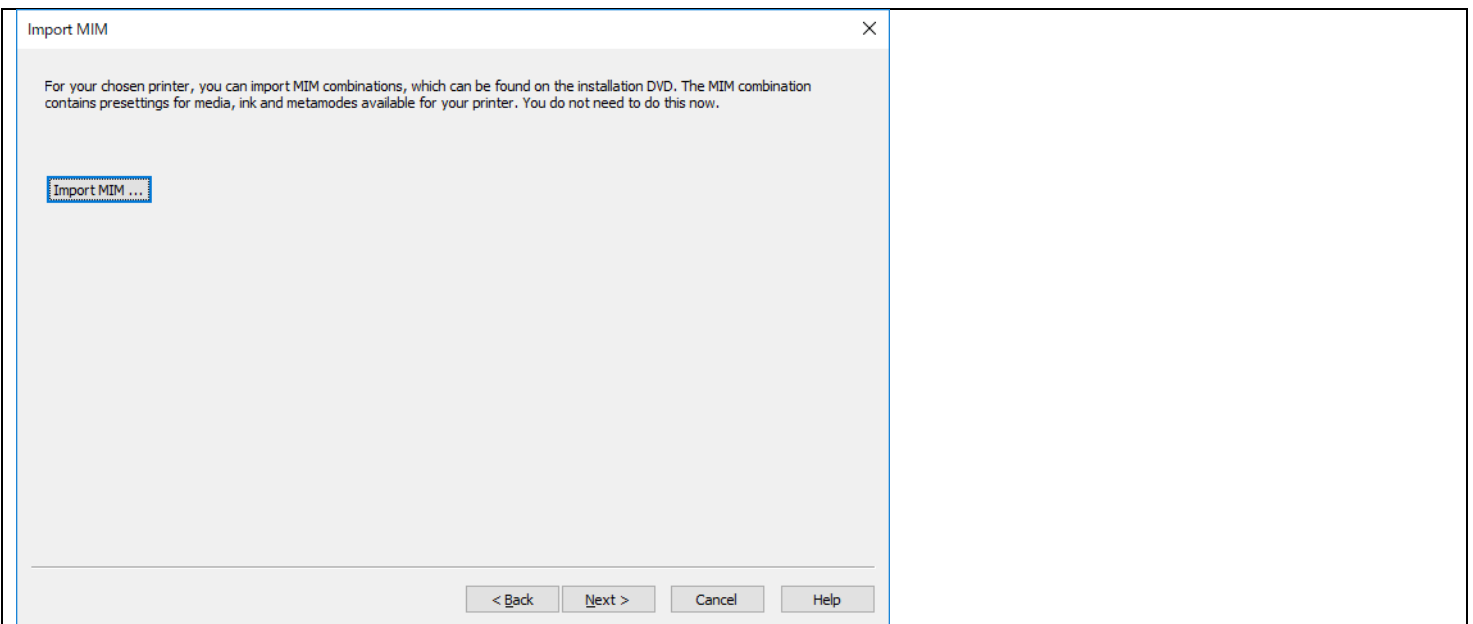
6 Push "Next" button.



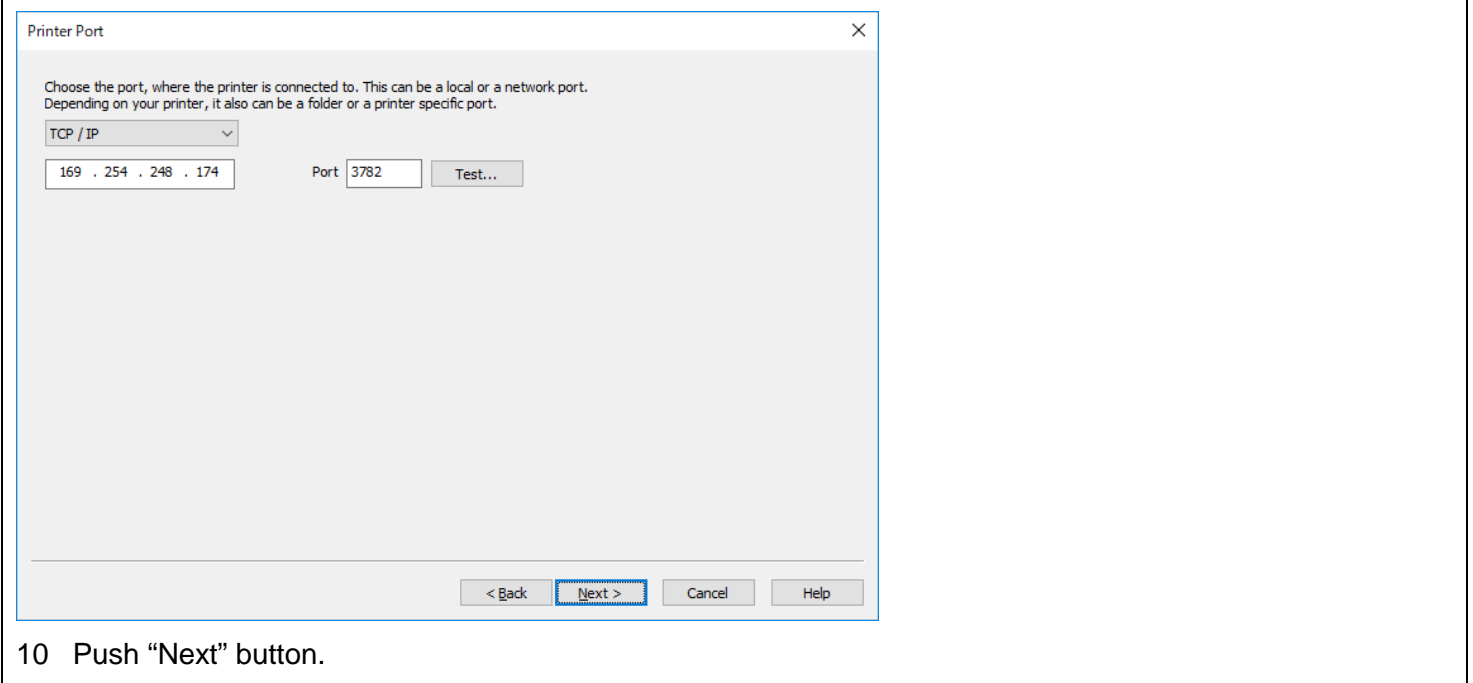
7 Push "Finish" button.



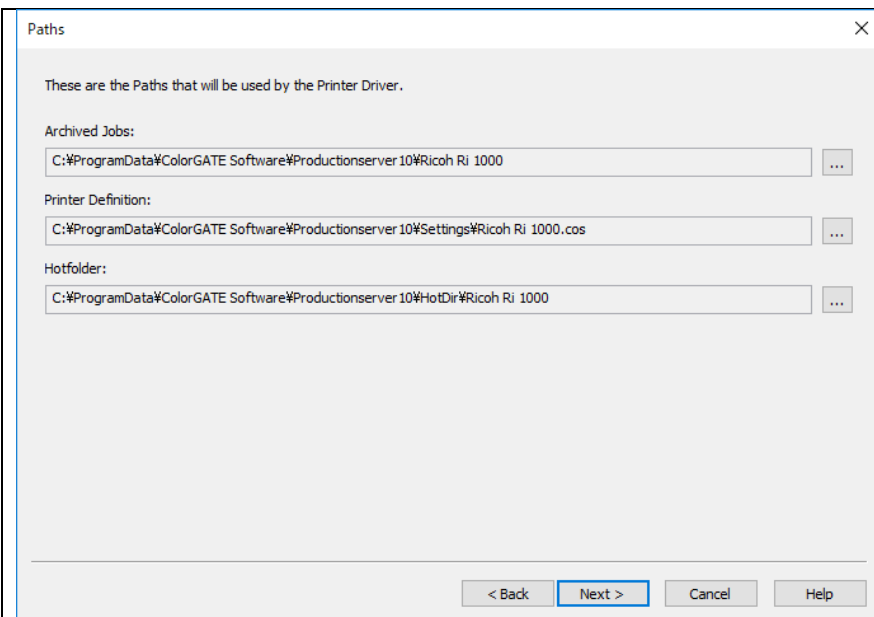
8 Push "Next" button



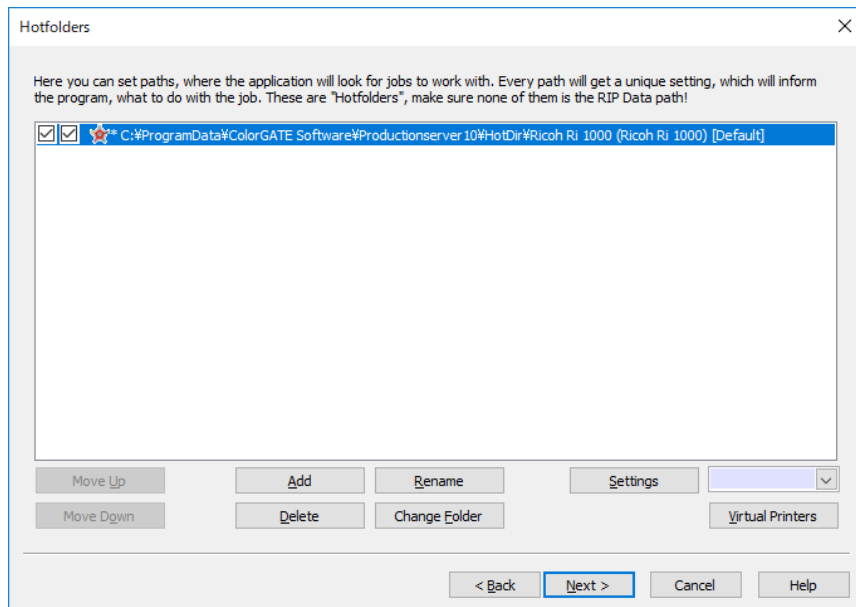
- 9 Next you will be asked to input the printer port – put in the IP address of the printer. Selecting the Test button will confirm communication with the printer. You can also click on the arrow next to TCP / IP and you can change the output to Path. You can then input the file path where you want the printable .prn files to go in your computer. Push Next when you are done



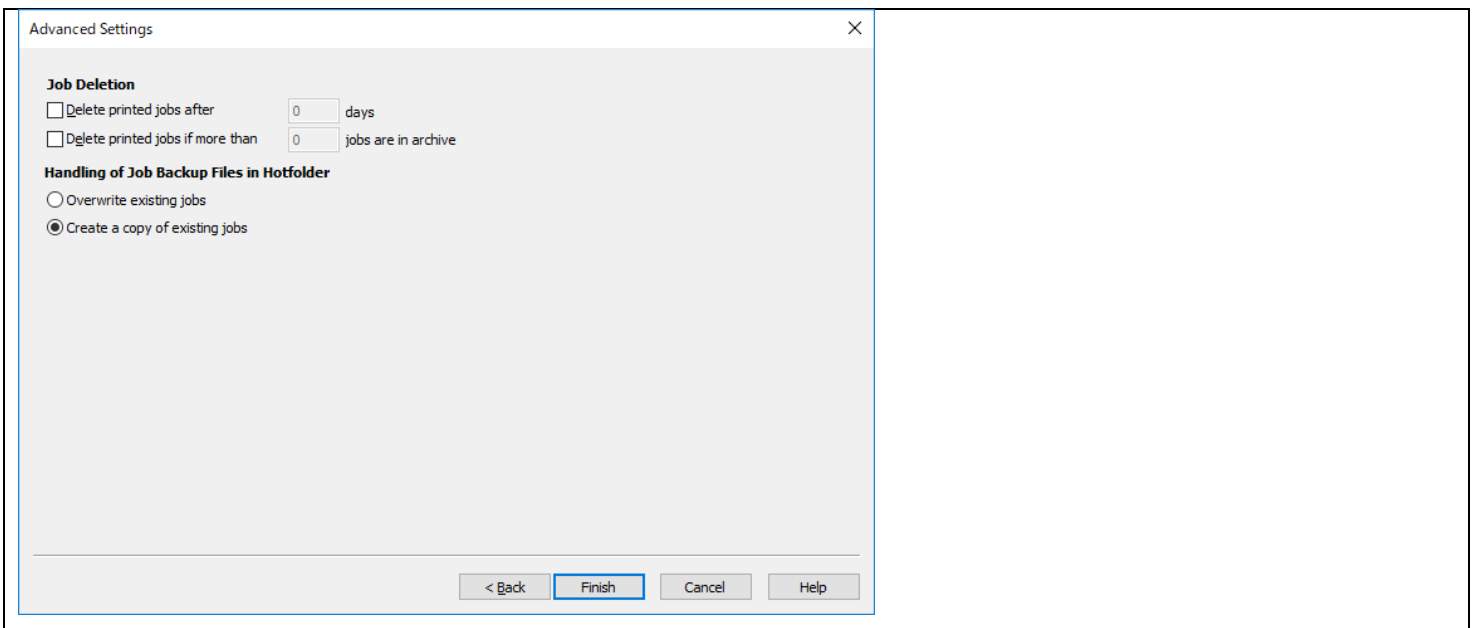
- 10 Push "Next" button.



11 Push "Next" button. Later you can configure the hot folder by selecting settings and then configuring how you want graphic files put in the hot folder Ripped.



12 Push "Finish" Button. If you want to make changes like change the printer IP address or switch to print to file you in the top menu bar select Printer – Properties – then select the Printer Port tab and make the changes



Print method

1. Drag your job (the file/s) via drag & drop from Windows Explorer into the job queue which is the window on the lower left of the ColorGATE software screen. You can also click on the arrow next to the file cabinet icon above that window and select Ricoh Ri 1000 and then select a graphic from the file browser
2. Select the job and click right mouse button and select the "Print".



For more detail, refer to “Loading and Printing Jobs > Load Job > Overview” in ProductionSever -> ? -> Help Contents.

Change of print mode

1. Select the job and click right mouse button and select the "Settings" or double click on the graphic file name in the lower left RIP que window



2. Move the following screen ("Color" Tab -> Advanced -> Settings -> "Print Mode" Tab) and select print mode.
3. There are 6 options, Speed, Fine and Superfine in unidirectional and bidirectional. Fine: 600 X 600 8pass BiDir 2bit works for most printing. Superfine – will have higher resolution but is slower. Uni directional will print solid colors the best but will be slower. There are just 2 modes for the White 8 pass bidirectional and 8 pass unidirectional. For White, always use 8 pass bidirectional.
4. Under "Special colors" White: The dropdown menu should be set to Brightness - Black substrate if printing a white under base and set to Off if only printing CMYK. To the right you can adjust the intensity of the white layer and set a choke value if needed. To set a negative value of the number of pixels you want to reduce the white layer by in the box next to "Spread(+)/Choke(-)" This is done if the white ink spreads to much and shows behind the color layer
5. Under "Special colors" White 2 (highlight): This will allow you to set a highlight layer if the drop down menu is selected to Filling – white will print during the CMYK pass of printing on areas of pure white. You can adjust the intensity and tolerance (how close to pure white will be printed on) and also you can choke this layer as well
6. Select OK when you are done adjusting

Color Mode



Printer Settings

Printmodes: Fine: 600x600 8pass BiDir 2bit

White Printmodes: White: 600x1200 8pass BiDir 2bit

Special Colors

White: Brightness - Black Substrate Limit: 100 Spread(+)/Choke(-): 0
Intensity: 98

White2 (Highlight): Filling Intensity: 30 Spread(+)/Choke(-): 0
Tolerance: 10

Print Special Colors only

Media Compensation

Compensation (%): 100.000/100.000 ...

OK

Cancel

Help

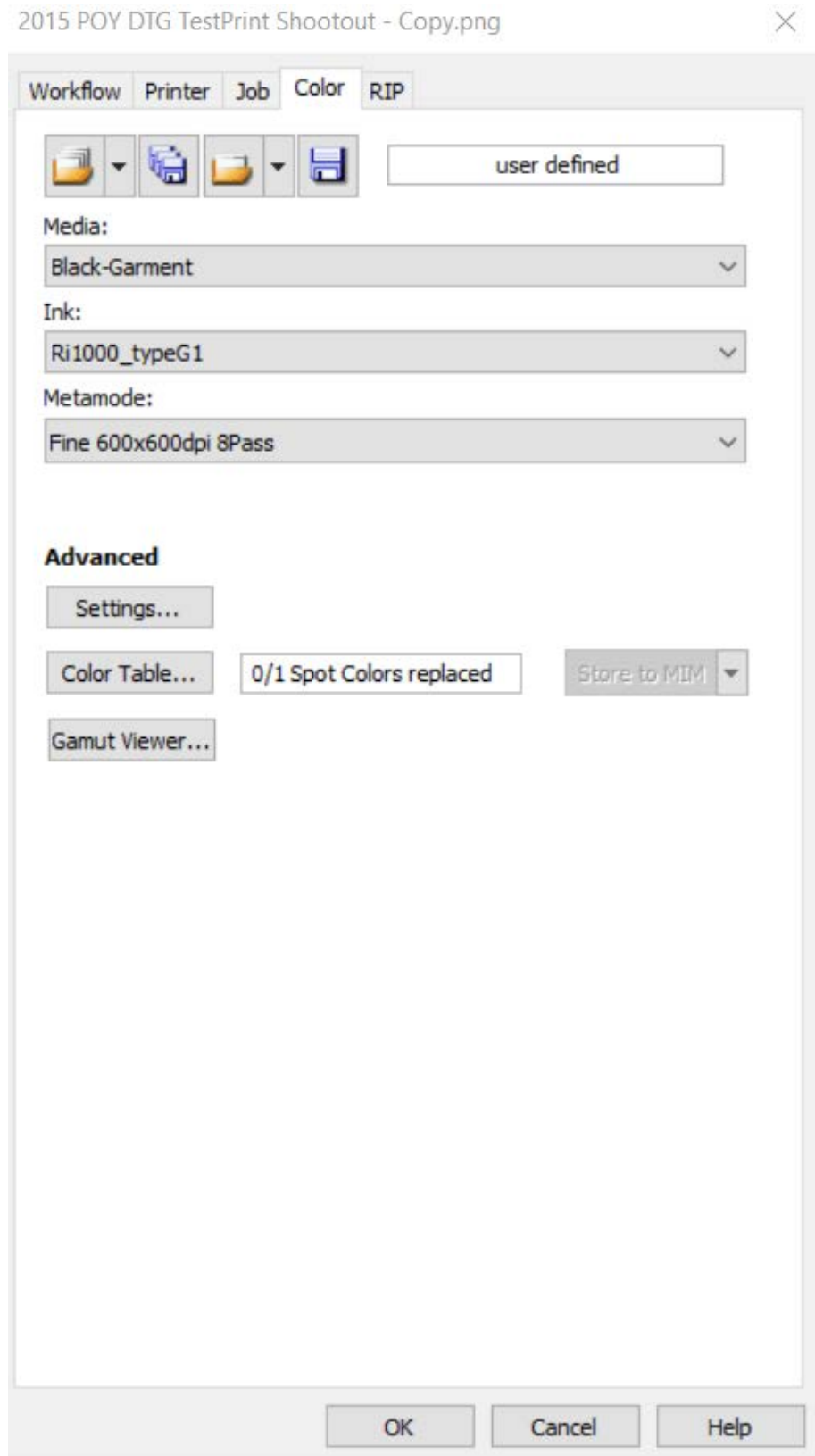
You Can Also set up your output settings under the color tab

Media: Can be set to Black-Garment or White-Garment

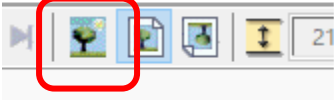
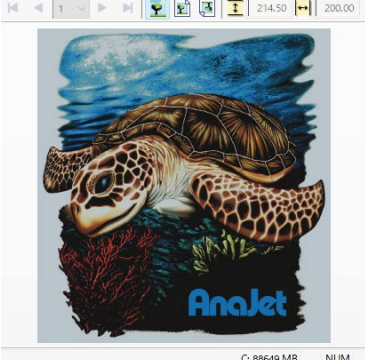
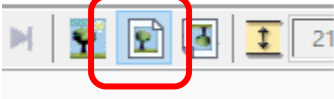
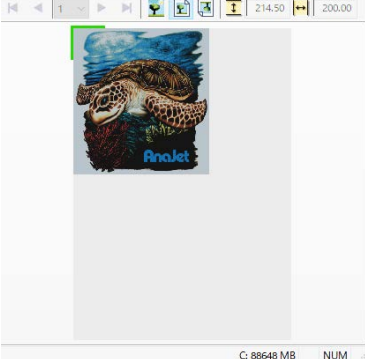
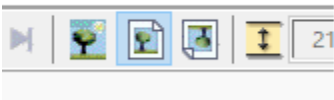
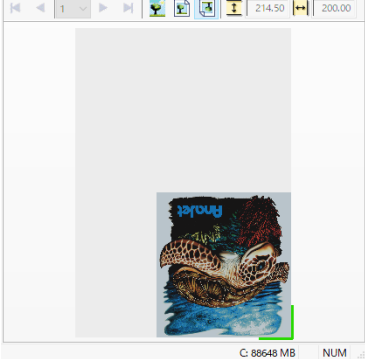
Ink: Ri100_Type G1

Metamode: Select Fine, Superfine, or Speed

Press OK once adjustments are finished

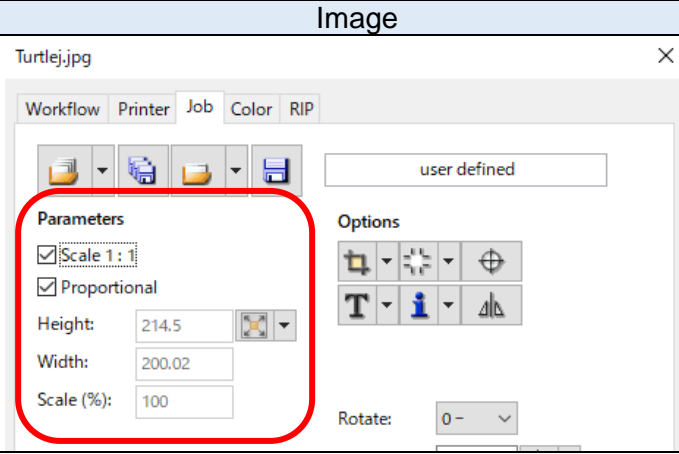
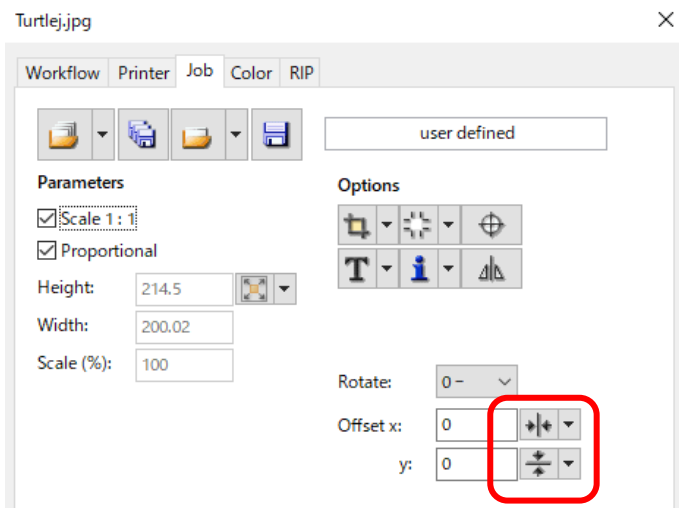


How to change view to platen or media view under View

Item	Description	Image
<p>DocumentPreview</p> 	<p>Image Preview You can also select by going to “View” in the top menu bar– Preview – Document preview</p>	
<p>Media Preview</p> 	<p>Preview the position and size on the platen to be printed – You can also select by going to “View” in the top menu bar– Preview – Media preview – this will show how the image positions on the printer platen</p>	
<p>Printer Output</p> 	<p>Preview the printing result. You can also select by going to “View” in the top menu bar– Preview – Printer output – this will show how the image will look as you look at the front of the printer</p>	

How to scale, size and position graphics on the platen

[Job]->[Settings...]->[Job]tab

Item	Description	Image
Scale1:1	Original size	
Proportional	Keep aspect ratio	
Height/Width	Specify size *Off Proportional	
Scale (%)	Image scaling – unchecking the Scale 1:1 box allows you to adjust the size either by the Height and width or by changing the Scale % Unchecking the Proportional box allows you to change the height and width independently	
Offset x	Left/Right/Center on the media horizontally *Or enter value in text box	
Offset y	Top/Bottom/Center on the media vertically *Or enter value in text box	

How to change the platen size “Media size”

[Job]->[Settings...]->[Printer]tab->Media Size
Select media size from pulldown.

